

**FILTERING A PERMISSION SET USING PERMISSION REQUESTS ASSOCIATED
WITH A CODE ASSEMBLY**

Cross-reference to Related Applications

The present application is related to U.S. Patent Application No. 09/598,534,
entitled EVIDENCE-BASED SECURITY POLICY MANAGER, and U.S. Patent Application
No. 09/598,814, entitled EVALUATING INITIALLY UNTRUSTED EVIDENCE
IN AN EVIDENCE-BASED SECURITY POLICY MANAGER, filed concurrently herewith and
assigned to the Assignee of the present invention.

Technical Field

The invention relates generally to computer security, and more particularly to filtering
permission sets using a permission request associated with a code assembly.

Background of the Invention

Security risks, such as allowing unauthorized access to a user's system, are inherent with
many on-line activities. Therefore, security mechanisms have been developed to protect users'
systems. For example, a user may download an on-demand application from the Internet and
execute the application from within the browser. To prevent unauthorized access to the user's
system resources (e.g., a directory on the user's hard disk), the user's system is protected by
"sandbox" security that is enforced within the browser environment. Sandbox security involves
a limited, secure area of computer memory in which an application may execute, so that the
application is prevented from accessing system resources that reside outside of the secure area.